

GMC DELCO REMY DIV.  
GAD092375377  
PRELIMINARY ASSESSMENT COVER SHEET

This facility is a Treatment/Storage/Disposal (TSD) facility that is regulated by the Georgia Environmental Protection Division under the authority of the Georgia Hazardous Waste Management Act (GHWMA). This facility presently has either Interim Status (Part A on file) or has a Hazardous Waste Facility Permit (Part B is complete). Any releases of hazardous wastes at this facility are regulated as a "prior release" under GHWMA and all corrective actions will be negotiated through the Part B Permit review process. This site is therefore assessed a "NONE" priority for a Site Inspection. No further investigations are recommended with respect to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

PMA/mcw008

[illegible]



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER  
GA D092375377

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

45809

## HACCT: RAILING SYSTEM SCORING SUMMARY

FOR

MERCK AND COMPANY, INC.  
EPA SITE NUMBER 66000324985  
ALBANY  
DOUGHERTY COUNTY, GA  
EPA REGION: 4

SCORE STATUS: IN PREPARATION

SCORED BY: A. HUTCHESON  
OF NLS CORPORATION  
ON 09/10/88

DATE OF THIS REPORT: 10/31/88  
DATE OF LAST MODIFICATION: 10/31/88

GROUND WATER ROUTE SCORE :	43.33
SURFACE WATER ROUTE SCORE:	6.71
AIR ROUTE SCORE	0.00
<hr/>	
MIGRATION SCORE	25.35

## HRS GROUND WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	GEN. VALUE	SCORE
1. OBSERVED RELEASE	00	0	0
2. ROUTE CHARACTERISTICS			
DEPTH TO WATER TABLE	40 FEET		
DEPTH TO BOTTOM OF WSTP	0 FEET		
DEPTH TO ADJ. FEET OF CONCERN	40 FEET	2	4
PRECIPITATION	43.0 INCHES		
EVAPORATION	45.0 INCHES		
NET PRECIPITATION	- 2.0 INCHES	1	1
PERMEABILITY	1.0000 g/LM/SEC	1	1
PHYSICAL STATE		1	4
TOTAL ROUTE CHARACTERISTICS SCORE:			6
3. CONTAINMENT		2	3
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE-ASSIGNED VALUE			10
WASTE QUANTITY			
CUBIC YDS	177.00 Y		
DRUMS	1		
GAL/DAG	0		
TONS	0		
TOTAL	177.00 Y	3	1
TOTAL WASTE CHARACTERISTICS SCORE:			20
5. TARGETS			
GROUND WATER USE		2	2
DISTANCE TO NEAREST WELL	1500 FEET		
AND	HAZARD VALUE	40	40
TOTAL POPULATION SERVED	25000 PERSONS		
NUMBER OF HOUSES	170		
NUMBER OF PERSONS	1		
NUMBER OF CONNECTIONS	27000		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			46
GROUND WATER ROUTE SCORE (SGR) = 13/32			



# HRS SURFACE WATER ROUTE SCORE

CATEGORY/FACTOR	ASSIGNED VALUE	WEIGHTED VALUE	SCORE
1. OBSERVED RELEASE	NO	12	12
2. ROUTE CHARACTERISTICS			
SITE LOCATED IN SURFACE WATER	NO		
SITE WITHIN CLOSED BASIN	NO		
FACILITY SLOPE	1.0%		
INTERVENING SLOPE	1.0%	3	0
24-HOUR RAINFALL	2.4 INCHES	3	72
DISTANCE TO DOWN-SLOPE WELLS	400 FEET	2	8
PHYSICAL STATE	S		3
TOTAL ROUTE CHARACTERISTICS SCORE:			12
3. CONTAINMENT			
		2	2
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE: ASSIGNED VALUE:			12
WASTE QUANTITY	CUBIC YDS.	7000000	
	DRUMS	1	
	GALLONS	1	
	TONS	0	
TOTAL	7000000 CUB. YDS.	3	36
TOTAL WASTE CHARACTERISTICS SCORE:			24
5. TARGETS			
SURFACE WATER USE			2
DISTANCE TO SENSITIVE ENVIRONMENTS			3
COASTAL WETLANDS	NONE		
FRESH-WATER WETLANDS	NONE		
CRITICAL HABITAT	NONE		
DISTANCE TO STATIC WATER			200 FEET
DISTANCE TO WATER SUPPLY INTAKE			1 MILE
AND			ADDITIONAL VALUE
TOTAL POPULATION SERVED	1	3	3
NUMBER OF HOUSES	1		
NUMBER OF PERSONS	1		
NUMBER OF CONNECTIONS	1		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			24
SURFACE WATER ROUTE SCORE TOTAL:			6.71



# GROUND WATER ROUTE SCORE

-----

ROUTE CHARACTERISTICS 8  
 CONTAINMENT 7 8  
 WASTE CHARACTERISTICS 1 20  
 TARGETS 2 40

$$R = 24,960 / 25,220 \quad R = 99.0\% \quad S_{gw}$$

# SURFACE WATER ROUTE SCORE

-----

ROUTE CHARACTERISTICS 12  
 CONTAINMENT X 7  
 WASTE CHARACTERISTICS X 20  
 TARGETS X 4

$$R = 4920 / 25,220 \quad R = 19.5\% \quad S_{sw}$$

# AIR ROUTE SCORE

-----

OBSERVED RELEASE 1 / 25,400 X 100% = 0.004%  $S_{air}$

# SUMMARY OF MIGRATION MODE CALCULATIONS

-----

		$S^*$
GROUND WATER ROUTE SCORE ( $S_{gw}$ )	99.0%	1977.40
SURFACE WATER ROUTE SCORE ( $S_{sw}$ )	19.5%	40.00
AIR ROUTE SCORE ( $S_{air}$ )	0.00%	0.00
$S^*_{gw} + S^*_{sw} + S^*_{air}$		1988.51
$\sqrt{S^*_{gw} + S^*_{sw} + S^*_{air}}$		44.59
$S_m = \sqrt{S^*_{gw} + S^*_{sw} + S^*_{air}} \cdot 1.25$		55.74



REGION: 04  
STATE: GA

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

M.2 - SITE MAINTENANCE FORM

PAGE: 481  
RUN DATE: 85/09/23  
RUN TIME: 09:49:26

EPA ID: GAD0092375377

\* ACTION: -

SITE NAME: GENERAL MOTORS DELCO REMY DIV PLT 29

STREET: 601 HOLLY DR

CITY: ALBANY

COUNTY NAME: DOUGHERTY

LONGITUDE: 31/31/53.0

SMAS: 0120

INVENTORY IND: Y

NPL IND: N

APPROACH: SITE CLASS:

SITE/SPILL IDS:

RPM NAME:

DIOXIN TIER:

RESP TERM: PENDING ( )

ENF DISP: NO VIABLE RESP PARTY ( )

ENFORCED RESPONSE ( )

COST RECOVERY ( )

DESCRIPTION:

REG FLD1: 1

REG FLD2: 1

NO FURTHER ACTION ( )

VOLUNTARY RESPONSE ( )

PENDING ( )

NO FURTHER ACTION ( )

NO FURTHER ACTION ( )

NO FURTHER ACTION ( )

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 482  
RUN DATE: 85/09/23  
RUN TIME: 09:49:26

## M.2 - PROGRAM MAINTENANCE FORM

\* ACTION: -

\*

	*		*
	*		*
	*		*
	*		*

REGION: 04  
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 483  
RUN DATE: 85/09/23  
RUN TIME: 09:49:26

M.2 - EVENT MAINTENANCE FORM

SITE: GENERAL MOTORS DELCO REMY DIV PLT 29  
PROGRAM: SITE EVALUATION

EPA ID: GAD092375377 PROGRAM CODE: H01 EVENT TYPE: DS1

FMS CODE: EVENT QUALIFIER: EVENT LEAD: E

EVENT NAME: DISCOVERY

STATUS:

CRPTION:

\* ACTION: -

\* -

\* \_\_\_\_\_

\* \_\_\_\_\_

\* \_\_\_\_\_

\* \_\_\_\_\_

\* \_\_\_\_\_

ORIGINAL

CURRENT

ACTUAL

START:

START:

START:

COMP :

COMP :

COMP : 80/08/01

\* \_/\_/\_

\* \_/\_/\_

\* \_/\_/\_

HQ COMMENT:

RG COMMENT:

\* \_\_\_\_\_

\* \_\_\_\_\_

COOP AGR #

AMENDMENT #

STATUS

STATE %

\* \_\_\_\_\_

REGION: 04  
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 434  
RUN DATE: 85/09/23  
RUN TIME: 09:49:26

M.2 - EVENT MAINTENANCE FORM

SITE: GENERAL MOTORS DELCO REMY DIV PLT 29  
PROGRAM: SITE EVALUATION

EPA ID: GAD092375377 PROGRAM CODE: H01 EVENT TYPE: PA1

FMS CODE: EVENT QUALIFIER: EVENT LEAD: S

EVENT NAME: PRELIMINARY ASSESSMENT STATUS:

DESCRIPTION:

\* ACTION: -

\* - - - - -  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_

ORIGINAL CURRENT ACTUAL

START: START: START: 85/09/17  
COMP : COMP : COMP : 85/09/17  
\* \_/\_/\_ \* \_/\_/\_ \* \_/\_/\_  
\* \_/\_/\_ \* \_/\_/\_ \* \_/\_/\_

HQ COMMENT:

RG COMMENT:

COOP AGR # AMENDMENT # STATUS STATE %

\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_

REGION: 04  
STATE : GA

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE  
C E R C L A

PAGE: 483  
RUN DATE: 85/09/23  
RUN TIME: 09:49:26

M.2 - COMMENT MAINTENANCE FORM

SITE: GENERAL MOTORS DELCO REMY DIV PLT 29

EPA ID: GAD092375377

COM  
NO COMMENT

001 PART A- ON FILE

ACTION

\* - \_\_\_\_\_  
\* \_\_\_\_\_  
\* \_\_\_\_\_

## RECONNAISSANCE CHECKLIST FOR HRS2 CONCERNS

Instructions: Obtain as much "up front" information as possible prior to conducting fieldwork. Complete the form in as much detail as you can, providing attachments as necessary. Cite the source for all information obtained.

Site name: *Merkle and Company Inc.*  
City, County, State: *Augusta, Dougherty, GA.*  
EPA ID No.: *GA D003324985*  
Person responsible for form: *Steve Walker*  
Date:

### Air Pathway

Describe any potential air emission sources onsite:

*None*

Identify any sensitive environments within 4 miles:

*None*

Identify the maximally exposed individual (nearest residence or regularly occupied building - workers do count): *Merkle & Comp, Inc.*

### Groundwater Pathway

Identify any areas of karst terrain:

*Site is on Dougherty Plain*

Identify additional population due to consideration of wells completed in overlying aquifers to the AOC: *None*

Do significant targets exist between 3 and 4 miles from the site?

*Yes, Rural residents tap Ocala Limestone of upper Floridan aquifer*

Is the AOC a sole source aquifer according to Safe Drinking Water Act? (i.e. is the site located in Dade, Broward, Volusia, Putnam, or Flager County, Florida) *No*

Surface Water Pathway

Are there intakes located on the extended 15-mile migration pathway?

*No*

Are there recreational areas, sensitive environments, or human food chain targets (fisheries) along the extended pathway?

*Flint River, fishing*

Onsite Exposure Pathway

Is there waste or contaminated soil onsite at 2 feet below land surface or higher?

*Unknown, 103C Notification indicates spill areas*

Is the site accessible to non-employees (workers do not count)?

*No*

Are there residences, schools, or daycare centers onsite or in close proximity?

*Residences are across street from facility*

Are there barriers to travel (e.g., a river) within one mile?

*Flint River approximately one mile from facility*